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'Tis blissful' m'ang the hills to be,
 Wi' lightsome steps to wander;
 The sounds to hear, and scenes to see
 Of Nature's wildest grandeur.
 And I will sing here while I stand,
 Where Scotland's sky is o'er me—
 O, she's the land o' mountains grand,
 Of freedom, love and glory!

Henry Scott Riddell.

Early and Late Moulters as Winter Layers.

By Homer W. Jackson.

For two or three years I have been calling attention to the possibility of loss from following the common advice to select the early moulting hens and discard the late moulters. Where late moulting is not due to ill health, it is usually due to persistent laying, and sending late moulters to market is pretty certain to result in sacrificing the most persistent layers in the flock. In the experiments made along this line last year and the year before, the late moulters proved to be the best, or among the best, of the lots from which they were selected; but I have not been able to follow the records of individual hens until this winter, when I installed trap nests in a number of pens and have the following data to submit, which supports in a striking manner my contentions. The condition of 23 hens was noted November 1, all being pure-bred White Wyandottes one year old. They were not all kept in the same pen, but were in the same house, under identical conditions, and on the same ration.

Table of Egg Record of Early and Late Moulting Hens.

Average No. Eggs per hen	
From Nov. to April.	
9 hens fully or nearly feathered out	
Nov. 1	20.5
3 hens new feathers half grown Nov. 1	
1	48.7
4 hens bare, or nearly so Nov. 1	45
2 hens beginning to moult Nov. 1	46.5
5 hens not noticeably in moult	48.6

Since winter eggs are supposed to be the long suit of the early moulters, compare these records for November-February:

9 hens as above, average Nov.-Feb.	8
3 do. do. Nov.-Feb.	18
4 do. do. Nov.-Feb.	15.2
2 do. do. Nov.-Feb.	21
5 do. do. Nov.-Feb.	20.8

The reason the second lot makes so good a showing is that the best layer of the entire number happened to come in that class and gave it a better standing than it really deserves.

I am able to see only one important objection to carrying over late moulters, which is that they are somewhat more liable to take cold when moulting in winter. Of the 23 hens included in this report one of the late moulters was sick in February, but recovered without treatment. One of the early moulters died in March. This is a better showing for the late moulters than in previous years, though they were kept last winter in an open front house.

The Fall Pullets.

These pullets are a mixed lot, about one-third being Barred Rocks and Brown Leghorns, balance mostly grade White Wyandottes. They began laying in February, and have been very good layers since April. The table does not do them entire justice, as they laid to some extent with the other pens. This is the most serious objection to experimenting with range flocks and must be kept in mind in studying the table. The eggs from these fall pullets are too small to bring the best prices and have been snipped separately. The discrimination against them has never amounted to more than two cents on the dozen, which is very satisfactory to me.

Eggs in Water Glass.

An inquirer asks how to preserve eggs in water glass. This recipe is clipped from a poultry paper whose identity is

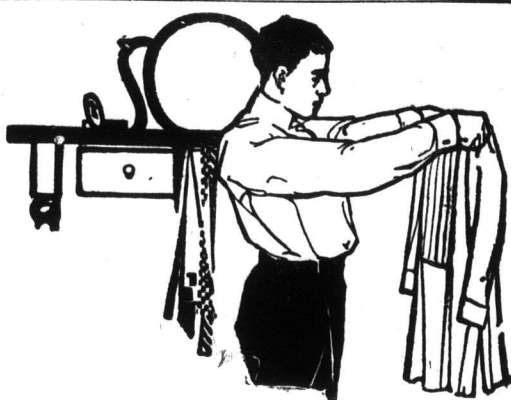
now uncertain, and we give it for what it is worth:

To one gallon of water glass (silicate of soda or liquid glass) add nine gallons of soft water. Pour this in a ten-gallon stone jar or two five-gallon jars. Cover with a cloth to keep out dust and place

in a dark, cool ot. Gather eggs fresh daily, discarding all soiled ones, and put in jar. When filled, tie cloth over mouth of jar and the work is done. To put up larger quantities barrels can be used, care being taken, however, that they are perfectly clean and sweet.

Kindness to the Horse Pays.

After mingling with tens of thousands of farmers, my observation is that they are, for the most part, men of intelligence, blessed with a goodly degree of human kindness, and know without being



Use Sunlight Soap This Way

Soak the clothes, then lather well. Let stand half an hour, rub out the suds lightly, rinse, wring and hang out to dry. Could anything be more simple?

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SUNLIGHT SOAP, free from chemicals or adulterants, requires no hard boiling nor heavy rubbing to aid it. It does its own work without these clothes-destroying helps—works equally well in hard or soft water.



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Why should you take ANY risk when you can make the maker take ALL the risk? The cost to you now will differ very little, no matter what roof you put on. So you might as well get the most you can for your money. Don't you think so?

OSHAWA Steel Shingles are clearly, positively, responsibly guaranteed—signed guarantee written in plain English—which plainly states that if your roof of Oshawa Steel Shingles gives any kind of roof trouble within 25 years from the day it's first put on, you get an entirely new roof free. There's \$365,000 capital, 50 years of honorable dealing, and the biggest business of its kind in the British Empire back of this written guarantee making it as legally binding as any that could be given you. Now then, why on earth will you take chances with any other kind of a roofing?

IT'S only natural that salesmen for other roofing should "knock" this guarantee of mine. How else are they going to get around it and induce you to buy their roofing, which is NOT guaranteed? What do you think my business reputation would be worth in a year or two if I issued a guarantee that wasn't absolutely square? Don't let any man bluff you—get his promises down in writing, and signed—like mine are. Then the roof will HAVE TO make good. Then FIRST cost will be the WHOLE cost, and you'll know what you can count on.

The ONLY Roof That is Guaranteed At ALL

If other roofing makers are so sure their roofing will last as long as mine, why can't they do as I do—give a guarantee that's good for a new roof if the first one gives any trouble? Is it because they are afraid to take the risk of having to give you a new roof? They want YOU to take that risk. Will you do it? Or will you buy my guaranteed Oshawa Steel Shingles, and have something you can positively depend on? Which is the best bargain from your point of view.



Isn't This The Kind of Roof YOU Want

A roof that you pay the same for NOW as you pay for other kinds of roof, but which will need no patching, no fixing or replacing for the next twenty-five years. A roof that makes your building absolutely weather-proof, with never a crack or hole for water or wind to squeeze through. A roof that is fireproof, wind-tight, lightning-proof, a roof that needs no painting, no repairing—spring or fall, summer or winter, for all of twenty-five years. Then get my Oshawa Steel Shingles.

Cost Far Less Than Wood Shingles

Get all the facts about Oshawa Steel Shingles. You'll find they cost about the same as wood-shingles to put on—then, of course, far less to keep on and keep in perfect condition. Figure cost per year, and Oshawa Steel Shingles are by far the cheapest. That's no mere idle talk, either. I guarantee my roof, remember, which means that its cost NOW is the ONLY cost FOR TWENTY-FIVE YEARS.

Proof Against Both Fire and Lightning

This alone makes my "Oshawa Steel Shingles" worth more to you than any other kind of roof. Half a million dollars wouldn't cover the damage lightning does to Canadian farm buildings every year—all of which would be saved if these buildings were roofed with my Oshawa Steel Shingles. If there were no other reason for your choice of Oshawa Shingles, this one alone would be enough.

Here I offer to sell you a roof which you know to be good, and which I guarantee (with a guarantee I have to back up or go out of business) to stay a good roof for all of 25 years. Now will you please give me any good reason why any man—YOU, my friend for example—should not be interested enough in getting the best roof for HIS OWN buildings, to send for my book and get all the particulars about my Oshawa Steel Shingles? The book is free—the information it contains is valuable to any man who owns or will own any kind of a building.

Will YOU please write for it? *G. H. Pedlar*

PEDLARIZE All Your Buildings—Inside and Out

By "Pedlarizing" I mean doing for the whole building what Oshawa Steel Shingles do for the roof. I make other kinds of sheet metal building materials—for ceilings, side walls, outside—that make your whole building more fire-proof, more sanitary, more beautiful, more substantial. May I send you a booklet and pictures that tell the whole story? It's free. Just ask me to tell you about "Pedlarizing."

Can't Leak, Rust, Rot, Warp or Burn

Oshawa Steel Shingles cover your roof with one big seamless sheet of heavyweight galvanized steel, without a crevice or crack anywhere for water or wind to get into. And it stays that way for twenty-five years. I guarantee it. No leaks of any kind. Keeps out the cold of winter and heat of summer—and being steel affords the best kind of fire protection. Can you imagine any better roof?

I Want to Send You My Valuable Book—"Roofing Right"

Let me have your name and address, please. I want you to read my book. I believe that when you really get a clear and correct understanding of all sides of this roofing question you'll never be bamboozled with flimsy, unsatisfactory roofs which soon become little better than no roof at all. Do get my book of facts. Write the address nearest you (see below) and they'll send you a copy entirely free.

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